## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.

10/043,841

: Confirmation No.:

3661

**Applicant** 

Kevin Rodney Lassila, et al.

Filed

9 January 2002

For

MALIC ACID DIESTER SURFACTANTS

Art Unit

1714

Examiner

Cain, Edward J.

Docket No.

05945D USA

Customer No.

23543

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 CERTIFICATE OF MAILING

I CERTIFY THAT THIS PAPER (ALONG WITH ANY PAPER REFERRED TO AS BEING ATTACHED OR ENCLOSED) IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE WITH SUFFICIENT POSTAGE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO:

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Sir:

## TERMINAL DISCLAIMER

Air Products and Chemicals, Inc., a corporation of Delaware, resident in the county of Lehigh and Commonwealth of Pennsylvania, represents that it is the assignee of the entire ownership of application Serial No. 10/043,841, filed 9 January 2002, entitled "MALIC ACID DIESTER SURFACTANTS," the assignment having been recorded at Reel 010348, Frame 0938. Air Products and Chemicals, Inc., disclaims the terminal part of the statutory term of any patent granted on the above-identified application which would extend beyond the expiration date of either the earlier of the full statutory term defined in 35 U.S.C. Sections 154 to 156 or of the term as presently shortened by any terminal disclaimer of United States Patent No. 6,369,146 B1.

Air Products and Chemicals, Inc., agrees that any patent granted on the above-identified application shall be enforceable only for and during such period that such patent is commonly owned with United States Patent No. 6,369,146 B1, this agreement to run with any patent granted on the above-identified application and to be binding upon the grantee, its successors and assigns.

The documentary evidence of a chain of title from the original owner to Air Products and Chemicals, Inc. has been reviewed and Air Products and Chemicals, Inc. certifies that, to the best of its knowledge and belief, full ownership of title is in Air Products and Chemicals, Inc.

Appl. No. 10/043,841

## A Fee Transmittal for payment of the fee as set forth in 37 CFR 1.20(d) is enclosed.

I declare that all statements made in this Terminal Disclaimer of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application and any patent issued thereon.

AIR PRODUCTS AND CHEMICALS, INC.

Michael Leach

Attorney/Agent of Record Registration No. 27,349 7201 Hamilton Boulevard Allentown, PA 18195-1501

(610) 481-8519

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- 2 -

1/18/2005

PTO/SB/17 (12-04v2)

Date 18 January 2005

10/043,841

**Application Number** 

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
work Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Effective on 12/08/2004. Complete if Known

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

Name (Print/Type)

Michael Leach

| FOR FY 2005    Applicant claims small entity etatus. See 37 CFR 1.27   AT Unit   1714   Attorney Docket No.   05945D USA  |   | DAMC                | RAITTA                                | NI L           | Application Nun                         | nber 10       | /U43,04 I                    |                      |  |
|---|---|---------------------|---------------------------------------|----------------|---|---------------|------------------------------|----------------------|--|
| Applicant claims small entity status. See 37 CFR 1.27   TOTAL AMOUNT OF PAYMENT (\$) \$220.00   Art Unit   1714   Attorney Docket No.   05945D USA  | FEE TRANSMITTAL For FY 2005                           |                     |                                       |                | Filing Date                             |               | 9 January 2002               |                      |  |
| Applicant claims small entity status. See 37 CFR 1.27     TOTAL AMOUNT OF PAYMENT (\$) \$220.00     Art Unit  |   |                     |                                       |                | First Named Inventor                    |               | Kevin Rodney Lassila, et al. |                      |  |
| Art Unit  | Analisant alaima                                      | hmall antity status | Can 27 CED 4.1                        | <del>,  </del> | Examiner Name                           | ∍  ca         | ain, Edward J.               |                      |  |
| METHOD OF PAYMENT (check all that apply)  Check   | Applicant claims small entity status. See 37 CFR 1.27 |                     |                                       |                | Art Unit                                |               | 1714                         |                      |  |
| Check Credit Card Money Order None Other (please identify):    Deposit Account Deposit Account Number: 01-0493 Deposit Account Name Air Products and Chemical For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  | TOTAL AMOUNT OF PAYMENT (\$) \$220.00                 |                     |                                       |                | Attorney Docket No. (                   |               | 05945D USA                   |                      |  |
| Deposit Account Deposit Account Number:   01-0493   Deposit Account Name:   Air Products and Chemical For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)     Charge fee(s) indicated below   Charge fee(s) indicated below, except for the filing fee   Under 37 CFR 1.16 and 1.17   Charge fee(s) indicated below, except for the filing fee   Under 37 CFR 1.16 and 1.17   Charge fee(s) indicated below, except for the filing fee   Under 37 CFR 1.16 and 1.17   Charge fee(s) indicated below, except for the filing fee   Under 37 CFR 1.16 and 1.17   Charge fee(s) indicated below, except for the filing fee   Under 37 CFR 1.16 and 1.17   Charge fee(s) indicated below, except for the filing fee   Under 37 CFR 1.16 and 1.17   Charge fee(s) indicated below, except for the filing fee   Under 37 CFR 1.52(s)   Under 38 CFR 1.52(s)  | METHOD OF PAYN  | IENT (check all     | that apply)                           |                | - · · · · · · · · · · · · · · · · · · · |               |                              |                      |  |
| Deposit Account Deposit Account Number:   01-0493   Deposit Account Name:   Air Products and Chemical For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)     Charge fee(s) indicated below   Charge fee(s) indicated below, except for the filing fee   Under 37 CFR 1.16 and 1.17   Charge fee(s) indicated below, except for the filing fee   Under 37 CFR 1.16 and 1.17   Charge fee(s) indicated below, except for the filing fee   Under 37 CFR 1.16 and 1.17   Charge fee(s) indicated below, except for the filing fee   Under 37 CFR 1.16 and 1.17   Charge fee(s) indicated below, except for the filing fee   Under 37 CFR 1.16 and 1.17   Charge fee(s) indicated below, except for the filing fee   Under 37 CFR 1.16 and 1.17   Charge fee(s) indicated below, except for the filing fee   Under 37 CFR 1.52(s)   Under 38 CFR 1.52(s)  | Check Cre   | dit Card N          | Money Order                           | None           | Other (                                 | olease identi | fv)'                         |                      |  |
| For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)    Charge fee(s) indicated below   |   |                     |                                       |                |   |               |                              |                      |  |
| Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee  Charge any additional fee(s) or underpayments of fee(s)  Credit any overpayments  WARNING: Information on the form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  TEE CALCULATION  1. BASIC FILING, SEARCH, AND EXAMINATION FEES  FILING FEES  SEARCH FEES  Small Entity  Small Entity  Small Entity  Small Entity  Small Entity  Fee (\$) Fee                                 |   |                     |                                       |                |   |               |                              |                      |  |
| Charge any additional fee(s) or underpayments of fee(s)  WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  TEE CALCULATION  1. BASIC FILING, SEARCH, AND EXAMINATION FEES FILING FEES SMAILENTITY Application Type Fee (\$) Fee |   |                     |                                       |                |   |               |                              |                      |  |
| MANINGS: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.    FEE CALCULATION   |   |                     |                                       |                |   |               |                              |                      |  |
| Information and authorization on PTO-2038.  | under 37 CFR 1.16 and 1.17                            |                     |                                       |                |   |               |                              |                      |  |
| Application Type  | information and authoriz                              | ation on PTO-2038.  | · · · · · · · · · · · · · · · · · · · | it Card IIIIO  | I III audii Siloulu II                  | ot be ilicitu | eu on this form. r           | Tovide Credit Card   |  |
| Filling FEES   Small Entity   Fee (\$)   Fee                | FEE CALCULATIO  | N                   |                                       | •              |   |               | •                            |                      |  |
| Application Type   Fee (\$)   Fee (              | 1. BASIC FILING, S                                    |                     |                                       |                |   |               |                              |                      |  |
| Application Type  |   |                     |                                       | SEARC          |   | EXAMIN        |                              |                      |  |
| Design   200   100   100   50   130   65  | ·   | Fee (\$)            |                                       | Fee (\$)       |   | Fee (\$)      |                              | Fees Paid (\$)       |  |
| Plant 200 100 300 150 160 80  Reissue 300 150 500 250 600 300  Provisional 200 100 0 0 0 0 0  2. EXCESS CLAIM FEES  Fee Description  Each claim over 20 (including Reissues)  Each independent claims over 3 (including Reissues)  Multiple dependent claims  Total Claims  Total Claims  Fee (\$) Fee (\$) Fee Paid (\$)  HP = highest number of total claims paid for, if greater than 20.  Indep. Claims  Extra Claims  Fee (\$) Fee Paid (\$)  HP = highest number of independent claims paid for, if greater than 3.  3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  Fee Paid (\$)  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  Fee (\$)  Fee Paid (\$)   | _   |                     | 150                                   | 500            | 250                                     | 200           | 100                          |                      |  |
| Reissue 300 150 500 250 600 300  Provisional 200 100 0 0 0 0 0  2. EXCESS CLAIM FEES  Fee Description  Each claim over 20 (including Reissues)  Each independent claims over 3 (including Reissues)  Multiple dependent claims  Total Claims  Extra Claims  Fee (\$) Fee (\$) Fee (\$) Fee (\$)  HP = highest number of total claims paid for, if greater than 20.  Indep. Claims  HP = highest number of independent claims paid for, if greater than 3.  3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  Listing Sheets  Number of each additional 50 or fraction thereof  -100 = /50 = (round up to a whole number) x  Fee (\$) Fee Paid (\$)    | Ŭ   |                     | 100                                   | 100            | 50                                      | 130           | 65                           |                      |  |
| Provisional 200 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Plant ·   | 200                 | 100                                   | 300            | 150                                     | 160           | 80                           |                      |  |
| 2. EXCESS CLAIM FEES Fee Description Each claim over 20 (including Reissues) Each independent claim over 3 (including Reissues)  Each independent claim over 3 (including Reissues)  Multiple dependent claims  Total Claims  Extra Claims Fee (\$) Fee Paid (\$)  HP = highest number of total claims paid for, if greater than 20. Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)  Sheets or fraction and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof. Fee (\$) Fee Paid (\$)    |   | 300                 | 150                                   | 500            | 250                                     | 600           | 300                          | <del></del>          |  |
| Fee Description  Each claim over 20 (including Reissues)  Each independent claim over 3 (including Reissues)  Multiple dependent claims  Total Claims  Extra Claims  Fee (\$) Fee Paid (\$)  HP = highest number of total claims paid for, if greater than 20.  Indep. Claims  Extra Claims Fee (\$) Fee Paid (\$)  HP = highest number of independent claims paid for, if greater than 3.  3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  Fee (\$) Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Sumber of each additional 50 or fraction thereof  Fee (\$) Fee Paid (\$)    | Provisional   | 200                 | 100                                   | 0              | 0                                       | 0             | 0                            |                      |  |
| Each claim over 20 (including Reissues)  Each independent claim over 3 (including Reissues)  Multiple dependent claims  Total Claims  Extra Claims  Fee (\$)  HP = highest number of total claims paid for, if greater than 20.  Indep. Claims  Extra Claims  Fee (\$)  Fee Paid (\$)  HP = highest number of independent claims paid for, if greater than 3.  APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  -100 =  |   |                     |                                       |                |   |               |                              |                      |  |
| Each independent claim over 3 (including Reissues)  Multiple dependent claims  Total Claims  Extra Claims  - 20 or HP =   x   =   | <del></del>   |                     |                                       |                |   |               |                              |                      |  |
| Total Claims  - 20 or HP = x = Fee (\$) Fee Paid (\$)  HP = highest number of total claims paid for, if greater than 20.  Indep. Claims  - 3 or HP = x = HP = highest number of independent claims paid for, if greater than 3.  3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  - 100 = /50 = (round up to a whole number) x =  4. OTHER FEE(S)  Non-English Specification, \$130 fee (no small entity discount)  Other (e.g., late filing surcharge): Terminal Disclaimer  Registration No. 27 210  Telephone 610 481 8540  |   |                     |                                       |                |   |               |                              |                      |  |
| - 20 or HP =  |   |                     |                                       |                |   |               |                              |                      |  |
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| Indep. Claims  - 3 or HP = x = max =  |   |                     |                                       | - =            |   |               | <u>Fee (\$)</u>              | Fee Paid (\$)        |  |
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| If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  -100 =   | 3. APPLICATION SIZE FEE                               |                     |                                       |                |   |               |                              |                      |  |
| sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  Extra Sheets Number of each additional 50 or fraction thereof -100 = /50 = (round up to a whole number) x =   4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount)  Other (e.g., late filing surcharge): Terminal Disclaimer   Submitted by  Registration No. 27 240  Telephone 640 484 8540  | If the specification                                  | and drawings e      |                                       |                |   |               |                              |                      |  |
| Total Sheets Extra Sheets   Number of each additional 50 or fraction thereof   Fee (\$)   Fee (\$)    4. OTHER FEE(S)   Non-English Specification, \$130 fee (no small entity discount)   Submitted by    Signature   Registration No. 27 240   Telephone 640 491 8540  |   |                     |                                       |                |   |               | mall entity) for             | r each additional 50 |  |
| - 100 = /50 = (round up to a whole number) x =   4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount)  Other (e.g., late filing surcharge): Terminal Disclaimer \$110.00  SUBMITTED BY Registration No. 27 240 Telephone 640 481 8540  |   |                     |                                       |                |   |               |                              |                      |  |
| Non-English Specification, \$130 fee (no small entity discount)  Other (e.g., late filing surcharge): Terminal Disclaimer \$110.00  SUBMITTED BY  Registration No. 27 240  Telephone 640 481 8540   | 10  | 90 =                | / 50 =                                |                | (round up to a v                        | whole numb    | per) x                       | =                    |  |
| SUBMITTED BY  Registration No. 27 240  Telephone 640 494 9540   |   |                     |                                       |                |   |               |                              |                      |  |
| Registration No. 27 240 Telephone 640 491 9510  | Other (e.g., late                                     | filing surcharge    | :_Terminal Discl                      | aimer          |   |               |                              | \$110.00             |  |
| Registration No. 27 240 Telephone 640 491 9510  | SUBMITTED BY  | 7. ///              | (01                                   |                |   |               | -                            |                      |  |
|   | Signature //  | Millak              | back                                  | R              | egistration No.                         | 27,349        | Telepho                      | one 610-481-8519     |  |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.